

# CapaSol Konzentrat

Water-dilutable, highly concentrated, unpigmented special primer. For exterior and interior use.



## Product Description

Field of Application

Special primer for use on solid, porous substrates which absorb strongly or unevenly in order to level their absorbency. Particularly suitable for treating porous, absorbent substrates such as renders/plasters, unfired bricks, cellular concrete/AAC (autoclaved aerated concrete), natural stones and gypsum plasterboards (drywalls), concrete, lightweight concrete, cement-based Disbocret mortars and fillers/surfacers, cement floor and anhydrite screed. Prime compact, smooth/even surfaces with Tiefgrund TB or Haftgrund.

German product name: CapaSol Konzentrat (*Brit./Am. term = Concentrate*)

Material Properties

- Water-dilutable.
- Highly concentrated.
- Solvent-free, low odour.
- Excellent spreading rate.

Material Base / Vehicle

Modified aqueous synthetic resin dispersion/emulsion.

Packaging/Package Size

10 litres

Storage

Keep in a cool, but frost-free place.

Technical Data

- Density: Approx. 1.0 g/cm<sup>3</sup>

Suitability according to Technical Information No. 606 Definition of Application Areas

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
+	+	+	+	+

(-) inapplicable / (○) of limited suitability / (+) suitable

## Application

Suitable Substrates

The substrates must be solid/stable, dry, clean, and free from all substances that may prevent good adhesion. In Germany: Follow VOB, part C, DIN 18363, section 3.

Substrate Preparation

Follow Technical Information No. 650 for suitability of the product on different substrates and their required pre-treatment.

Thinning

Thin/dilute only with tap (potable) water.



Surface Coating System	On normally absorbent substrates apply CapaSol Concentrate, diluted 1:3 to 1:4 with tap (potable) water. On strongly/highly absorbent substrates apply CapaSol Concentrate, diluted with tap water 1:4 to 1:5, if necessary in wet-on-wet method to the saturation point. In most cases one priming coat will be enough. Dilute with 2 parts of tap water for priming concrete, lightweight concrete, cement-containing Disbocret mortars and fillers/surfacers, cement floor and anhydrite screeds. The primer must not form a closed, shiny film.
Consumption	Approx. 50 - 200 ml/m <sup>2</sup> depending on absorbency and condition of the substrate. Determine the exact thinning rate and amount of material required by coating a test area on site.
Application Conditions	<b>Lower Temperature Limit for Application and Drying:</b> +5 °C for product, substrate and ambient air.
Drying/Drying Time	At +20 °C and 65 % relative humidity: recoatable after approx. 12 hours. Lower temperatures extend the drying time.
Tools	Apply liberally/thoroughly and work in well with a surface brush or whitewash brush to achieve the best possible consolidation. Roller or high-pressure spray application are less suitable, but the product is applicable with airless spraying equipment.  <b>Airless Application:</b> Spray angle: 60° Nozzle size: 0.029" Spraying pressure: 50 bar.  Clean tools/equipment immediately after use with water.
Note	Do not apply on horizontal surfaces exposed to rain or moisture.

## Advice

Please Note (Status as at Date of Publication)	Do not eat, drink or smoke when using this product. Avoid release to the environment. IF ON SKIN: Wash with plenty of soap and water. Further information: See Material Safety Data Sheet (MSDS).  Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. In Germany: Advice for allergy sufferers with isothiazolinone allergy: Hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute).
Disposal	Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures. In Germany: Only completely empty containers should be handed in for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried/hardened product residues as construction site/demolition/municipal or domestic waste.
EU limit value for the VOC content	of this product (category A/h): max. 30 g/l (2010). This product contains < 1 g/l VOC.
Product Code Paints and Enamels	M-GF01 (Germany)
Substances of Content - Declaration	Polyacrylic resin, polysiloxane, water, additives, preservatives (methyl-/benzisothiazolinone).
Technical Assistance	As it is impossible to list herein the wide variety of substrates and their specific problems, please request our technical assistance in case of queries. We will describe appropriate working methods, if a substrate not specified above is to be coated.
Customer Service Centre	Tel.: +49 06154- 71 7 1710 Fax: +49 05154- 71 7 1008 e-mail: kundenservicecenter@caparol.de  International Distribution: Please see <a href="http://www.caparol.com">www.caparol.com</a>

## Technical Information No.655 - Issue: July 2016

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No.655 - CapaSol Konzentrat - Issued: October 2015